An apparatus for processing a document service request originating from a mobile computing device and directed at an output device in communication with the mobile computing device over a first communications channel of the mobile computing device, said apparatus comprising:

a transceiver for responding to\a request to establish a second communications channel with the mobile computing device; and

a document server being adapted to communicate with said transceiver to receive over the second communications channel a document service request originating from the mobile computing device; the document service request including a first parameter identifying a document available to the document server and a second parameter identifying a type of output device available over the first communications channel; wherein the document server transmits to the output device, via the second communications channel established by\the mobile computing device, the document. rendered in a format suitable for the output device.

- 2. The apparatus according to claim 1, wherein the document server: locates the document identified by the first parameter of the document service request; loads a driver corresponding to the type of output device identified by the second parameter of the document service request; renders the located document using the loaded\driver; stores the rendered document in a print file; and transmits the print file to the output device via the mobile computing device.
- 3. The apparatus according to claim 1, wherein the document server and the output device have no preexisting communications channel there between.
- 4. The apparatus according to claim 1, wherein the document server prepares the document identified by the first parameter in a format that conforms to at least one format the output device is adapted to process.
- 5. The apparatus according to claim 4, wherein the document server applies one of a document enrichment, translation, conversion, summarization, recommender service to the document before preparing the document in the format suitable for the output device.

[c3]

[c4]

[c6]	6. The apparatus according to claim 1, wherein the document server communicates with a file server for retrieving the document.
[c7]	7. The apparatus according to claim 1, wherein the output device is one of a printer, a display, a file server, and a speaker.
[c8]	8. The apparatus according to claim 1, wherein the format suitable for the output device is a device dependent format.
[c9]	9. The apparatus according to claim 1, further comprising means for recording the document service request for accounting purposes at the document server.
[c10]	10. The apparatus according to claim 1, wherein the document service request includes a third parameter identifying one or more document services to apply to the document.
[c1]] L. C] [c1 2]	11. The apparatus according to claim 10, wherein the document services identified by the third parameter is one of a summarization service, an enrichment service, a recommender service, and a translation service.
**	12. The apparatus according to claim 1, wherein the second communications channel is a wireless communications channel.
[c1]3]	13. The apparatus according to claim 1, wherein the document server forms part of an input device.
[c14]	14. The apparatus according to claim 13, wherein the input device is an image-recording device.
[c15]	15. The apparatus according to claim 14, wherein the second communications channel is a limited communications channel.
[c16]	16. The apparatus according to claim 1, wherein the second communications channel is an unlimited communications channel.
[c17]	17. The apparatus according to claim 1, wherein the type of output device available is obtained by executing a discovery request at the mobile computing device.
[c18]	18. The apparatus according to claim 1, wherein the type of output device available is obtained using a profile of the output device and confirmed by executing a discovery

request at the mobile computing device.

- [c19] 19. The apparatus according to claim 1, wherein the document server and the output device have an inadequate preexisting communications channel there between.
- [c20] 20. The apparatus according to claim 1, wherein the second parameter identifying the type of output device available over the first communications channel is a class of service.
- [c21] 21. The apparatus according to claim 20, wherein the class of service is wireless printing.
- [c22] 22. The apparatus according to claim 1, wherein the first parameter and the second parameter are specified using a name of the document.
 - 23. A method for processing a document service request originating from a mobile computing device and directed at an output device in communication with the mobile computing device over a first communications channel of the mobile computing device, said method comprising:

responding to a request to establish a second communications channel with the mobile computing device;

receiving over the second communications channel a document service request originating from the mobile computing device; the document service request including a first parameter identifying a document available to the document server and a second parameter identifying a type of output device available over the first communications channel; and

transmitting to the output device, via the second communications channel established by the mobile computing device, the document rendered in a format suitable for the output device.

24. An article of manufacture, comprising:

a storage medium; and

program instructions stored on the storage medium for processing a document service request on a document server having a processor where the document service request originates from a mobile computing device and is directed at an output device in communication with the mobile computing device over a first communications channel of the mobile computing device; the processor in executing the program instructions:

[c24]

responding to a request to establish a second communications channel with the mobile computing device;

receiving over the second communications channel a document service request originating from the mobile computing device; the document service request including a first parameter identifying a document available to the document server and a second parameter identifying a type of output device available over the first communications channel; and

transmitting to the output device, via the second communications channel established by the mobile computing device, the document rendered in a format suitable for the output device.

